Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040623.D
Acq On : 10 Oct 2020 07:06
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Oct 10 07:41:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67780	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	50026	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.92	69	41975	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.58	63	102015	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.80%			
20) 2-Butanone-d5	4.66	46	185015	54.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.34%			
24) Chloroform-d	5.08	84	97092	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.72	65	57184	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.74	84	178695	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.70	67	59534	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.91	98	161445	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	8.19	79	25161	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	8.64	63	136920	53.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55099	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	61898	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	58343	4.999	ug/L	100
3) Chloromethane	1.53	50	50824	4.657	ug/L	98
5) Vinyl chloride	1.61	62	55107	4.794	ug/L	88
6) Bromomethane	1.87	94	21653	3.469	ug/L	96
8) Chloroethane	1.94	64	36815	5.030	ug/L	92
9) Trichlorofluoromethane	2.15	101	82694	5.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52945	4.941	ug/L	97
12) 1,1-Dichloroethene	2.59	96	47170	5.132	ug/L	92
13) Acetone	2.68	43	121767	45.992	ug/L	60
14) Carbon disulfide	2.81	76	123873	4.815	ug/L	99
15) Methyl Acetate	2.97	43	28829	4.769	ug/L #	75
16) Methylene chloride	3.06	84	55961	4.742	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	131303	5.052	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47294	4.916	ug/L	97
19) 1,1-Dichloroethane	3.89	63	102591	5.156	ug/L	98
21) 2-Butanone	4.74	43	201889	48.911	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	54442	5.247	ug/L	96

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ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	26546	5.150	ug/L	96
25) Chloroform	5.11	83	105483	5.192	ug/L	100
27) 1,2-Dichloroethane	5.81	62	74192	5.160	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	88737	5.020	ug/L	99
30) Cyclohexane	5.40	56	78049	4.791	ug/L	98
31) Carbon tetrachloride	5.54	117	74736	4.940	ug/L	99
33) Benzene	5.79	78	212679	5.032	ug/L	100
34) Trichloroethene	6.55	95	53406	4.875	ug/L	95
35) Methylcyclohexane	6.77	83	72743	4.682	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58935	5.005	ug/L	100
38) Bromodichloromethane	7.11	83	75980	5.047	ug/L	96
39) cis-1,3-Dichloropropene	7.62	75	74714	4.644	ug/L	91
40) 4-Methyl-2-pentanone	7.80	43	473389	50.423	ug/L	99
42) Toluene	7.98	91	221953	5.154	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	71246	4.810	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	43557	4.939	ug/L	100
47) Tetrachloroethene	8.56	164	39520	5.056	ug/L	93
48) 2-Hexanone	8.69	43	353826	50.620	ug/L	100
49) Dibromochloromethane	8.82	129	52216	5.145	ug/L	94
50) 1,2-Dibromoethane	8.93	107	40565	4.849	ug/L	96
51) Chlorobenzene	9.45	112	138214	4.872	ug/L	99
52) Ethylbenzene	9.57	91	233837	5.017	ug/L	98
53) m,p-Xylene	9.69	106	86449	5.088	ug/L	98
54) o-Xylene	10.10	106	84130	5.149	ug/L	93
55) Styrene	10.11	104	148261	5.226	ug/L	100
56) Isopropylbenzene	10.48	105	225406	5.125	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	57030	4.925	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	43604	5.041	ug/L	96
61) Bromoform	10.29	173	28446	4.896	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	110262	4.970	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	113332	4.954	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	107939	4.977	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9002	4.740	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	73970	4.699	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	59229	4.870	ug/L	99
69) Naphthalene	14.08	128	96376	4.844	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	56537	5.006	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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